

1. Through *20/11/28*
2. Date of *8-1-28*
3. Initials *4*

M.B.O. 1-52,400-22-11-30.

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Cor 25-10-55

G.O. No. <i>2284</i>	Press <u>Mis.</u>
<i>174.75</i>	
Dated <i>25</i> — <i>10</i> — 18 <i>55</i>	

Not to be folded or roughly handled

25/11/28

Fort Saint George, Public Works Consultation of 29th October 1858.

No. 174. Read the following letter from Lieutenant-Colonel E. LAWFORD, Officiating Chief Engineer; to the Secretary to Government, dated 22nd October 1858, No. 4764.

SIR,

Agreeably to the orders of Government appended to Extract from Minutes of Consultation under date 5th August 1858, No. 1543, I have the honor to forward Plans and Estimates for the construction of the undermentioned Buildings at the Remount Depôt near Ossoor, viz.,
Rs.

1 Copies of letters.
2 Plans.
2 Abstract Estimates.
2 Report do.

1. A Hospital containing two rooms 30 feet by 15 feet and 15 feet by 10 feet, raised on a basement 2 feet in height above foundations sunk 3 feet; principal walls and pillars 10 feet high, and verandah pillars 7 feet 390
2. 15 Sepoy Huts on a base of clay 1 foot in height, principal walls of clay, 7 feet 6 inches and 6 feet in height, and 1 foot 5 inches in breadth each Hut 15 feet by 10 feet with a verandah 15 feet by 4 feet 420

2. In estimating for the Sepoy Huts, General Beresford's specification has been strictly adhered to, but the rate has unavoidably been exceeded, the District Engineer, considering* that the General's calculations must be founded on wrong data, and he cannot build the Huts agreeably to his specification, especially as they are to be considered permanent, at a lower rate than he has estimated for.

3. The dimensions of the Hospital have been increased from 20 feet by 10 feet (as specified by General Beresford) to 30 feet by 20 feet, as the former would not give nearly sufficient room for 14 Patients, the number allowed in his letter.

4. Orders have been given by the District Engineer for carrying out the construction of the buildings with all despatch, and I have the honor therefore to solicit sanction for the Estimates now submitted.

Letter from Lieutenant T. E. GAHAGAN, District Engineer of Salem; to Lieutenant Colonel E. LAWFORD, Officiating Chief Engineer, dated Salem, 20th September 1858, No. 383.

SIR,

Forwarding E. M. C., No. 2327 of the 30th June 1858, and calling for plans and estimates for a Hospital and Sepoy Lines, at the Remount Depôt near Ossoor.

In reply to your letter No. 2727, of the 12th Ultimo, (subject as per margin,) I have the honor to forward the undermentioned plans, estimates and reports.

1. Plan of a Hospital for the Remount Depôt at Ossoor.
2. Estimate for do. amounting to Rupees 380.
3. Report to accompany estimate.
4. Plan of Sepoy Lines for the Remount Depôt.
5. Estimate for do. amounting to Rupees 420.
6. Report to accompany estimate.

2. In estimating for the Sepoy Lines, I have kept to General Beresford's Specification; but have unavoidably exceeded his rate by Rupees 13 per hut.

3. I have increased the dimensions of the proposed Hospital from 20 feet by 10 feet, (specified by General Beresford) to 30 feet by 20 feet, as the former would not give nearly sufficient room for 14 Patients, the number mentioned in his letter.

4. The Officer in charge of the 1st Division, has been directed to proceed with the work, with as little delay as possible; but the weather is at present, I am sorry to say, unfavorable for building.

Fort Saint George, Public Works Consultation of 29th October 1858.

Letter from Lieutenant T. E. GAHAGAN, District Engineer of Salem; to Lieutenant Colonel E. LAWFORD, Officiating Chief Engineer, dated Salem, 21st September 1858, No. 396.

SIR,

With reference to my letter No. 383 of the 20th Instant, I have the honor to inform you, that the Sepoy's Huts at the Remount Depot, must be constructed in 2 parallel ranges, one of 7 Huts and one of 8, as the site which has been selected for them, will not admit of their being built in one range.

Forwarding plans and estimates, for a Hospital and Sepoy Lines, at the Remount Depot, Oosoor.

Letter from Lieutenant T. E. GAHAGAN, District Engineer of Salem; to Lieutenant Colonel E. LAWFORD, Officiating Chief Engineer, dated Salem, 11th October 1858, No. 445.

SIR,

I have the honor to acknowledge the receipt of your letter No. 4149 of the 1st Instant (subject as per margin*.)

* Requesting me to state without delay, the reason of the difference between General Beresford's rate per Hut and my rate, in the estimate for constructing Sepoy Lines at the Remount Depot, Oosoor.

2. I have not seen any detailed estimate framed by General Beresford for Sepoy Lines, nor am I, indeed, aware that he has ever framed any.

The estimate, which I have submitted for the Lines, is framed in accordance with the General's Specification: and I believe its rates to be correct.

I can only account therefore for the difference between General Beresford's rate per Hut, and my own by supposing that his calculations were founded on wrong data.

3. I certainly, am not prepared to build the Lines according to the General's Specification at a lower rate per Hut, than that allowed by my estimate; and I consider too, that as the Lines are intended to be permanent, any of a cheaper description would not be found sufficiently strong and durable in a climate so trying as that of Oosoor.

4. The only alteration, then which under these circumstances, appears to me to be necessary in my plan and Estimate is that already notified to you in my letter No. 396 of the 21st Ultimo,† and as the additional cost caused thereby will be very small, you will not perhaps consider a revised plan and estimate necessary on that account only.

5. I beg to return herewith my plan of the Lines, together with the estimate and report for the Hospital, which last were, I presume, sent by mistake with your letter, under reply instead of the estimate and report for the Lines.

No. 175. ORDER THEREON, No. 2284; dated 29th October 1858.

Referred to the Military Department for consideration with reference to Extract Minutes of Consultation in that Department, dated 30th June 1858, No. 2327.

(Signed) W. H. BAYLEY,

Acting Secretary to Government.

Southern Circle D. P. W.

No. 383,

From
The District Engineer
of Salem

To
The Officiating Chief Engineer
in the D. P. W.

Fort Saint George

Sir
In reply to your letter No. 2727, of the 12th Ultimo / subject as per margin / I have the honor to forward the undermentioned Plans, Estimates and Reports.

1. Plan of a Hospital for the Remount Depot at Oosoor.
2. Estimate for D^r Amounting to Rs. 380.
3. Report to accompany Estimate.
4. Plan of Sepoy lines for the Remount Depot.
5. Estimate for D^r Amounting to Rs. 420.
6. Report to accompany Estimate.

2. In Estimating for the Sepoy lines, I have kept to General Beresford's Specification, but have unavoidably exceeded his rate by Rupees 13 per hut.

3. I have increased the dimensions of

Forwarding E. M. L. No. 2327 of the 30th June 1858, calling for Plans & Estimates for a Hospital and Sepoy Lines at the Remount Depot near Oosoor.

of the proposed Hospital from 20 feet
by 10 feet, specified by General Beresford/
to 30 feet by 20 feet, as the former would
not give nearly sufficient room for
14 patients. the number mentioned in
his letter.

The Officer in Charge of the
1st Division has been directed to proceed
with the work with as little delay as
possible. but the weather is at present,
I am sorry to say, unfavorable for
building.

I have &c
Signed / J. C. Gahagan D.
District Engineer
of Salem.
Distt Eng^r Office }
Salem }
20th September 1858 }

Southern Circle D. P. W.
Major Birdwood
No 346

From
The District Engineer
of Salem

To
The Officiating Chief Engineer
in the D. P. W.
Fort Saint George

Sir
With reference to my letter
No 383 of the 20th Instant, I have the
honor
Forwarding
Plans and Estimates
for a Hospital and
Depot

"Requesting me to state without
delay the reason of the difference
between General Beresford's note
for hut and my note in this
estimate for constructing Sepoy lines
at the Remount Depot Cojloor."

Sepoy lines at
the Remount
Depot Cojloor.

honor to inform you that the Sepoy's
Huts at the Remount Depot, must be
constructed in 2 parallel ranges. one
of 7 huts and one of 8. as the site,
which has been selected for them,
will not admit of their being built
in one range.

I have &c
Signed / J. C. Gahagan D.
District Engineer
of Salem.
Distt Eng^r Office }
Salem }
24th September 1858 }

Southern Circle D. P. W.
Major Birdwood

No 445
From
The District Engineer
of Salem

To
The Officiating Chief Engineer
in the D. P. W.
Fort Saint George

Sir
I have the honor to acknowledge
the receipt of your letter No 449 of the
1st Instant (Subject as per margin)
I have not seen any detailed
estimate framed by General Beresford
for

for Sepoy Lines, nor am I, indeed, aware that he has ever framed any.

The estimate, which I have submitted for the Lines, is framed in accordance with the General's Specification; and I believe its rates to be correct.

I can only account therefore for the difference between General Bressford's rate per hut and my own by supposing that his calculations were founded on wrong data.

3. I certainly, am not prepared to build the Lines according to the General's Specification at a lower rate per hut than that allowed by my Estimate; and I consider too, that as the Lines are intended to be permanent, any of a cheaper description would not be found sufficiently strong and durable in a climate so trying as that of Oaseoor.

4. The only alteration, then which under these circumstances, appears to me to be necessary in my Plan and Estimate is that already notified to you in my letter N^o 396 of the 24th Ultimo; and as the additional cost caused thereby will be very small, you will not perhaps consider a

revised

*
Regarding that coming to the notice of the site given for the new Sepoy Lines at the Oaseoor Def. the General's range of 100 paces containing 6 huts and the other 7 must be built instead of meeting range of 16 huts.

revised Plan and Estimate necessary on that account only.

5. I beg to return herewith my Plan of the Lines, together with the Estimate and Report for the Hospital, which last were, I presume, sent by mistake with your letter under reply instead of the Estimate and Report for the Lines.

Dist. Eng^r's Office } I have &c.
Salem } (signed) J. C. Gahagan Capt.
11th October 1858 } District Engineer

/ True Copies /

W. H. D. D. D.
Offg. Supg. Eng^r in kind

Camp III

Buildings () (New Work)

Abstract of Estimate No. of 185 / 5

District. Salem

Work. Constructing New Huts for the use of the Sepoys at the Remount Depot at Ootacoor.

Quantities	Description of Work.	Rate.			Amount.	Amount of each part.
		R ^s	a ^s	p.	Rupess.	Rupess.
c. Yds.						
238	17 1/2 of Clay walls — 1/2 R ^s	"	1	"	60	
	15 Doors Country wood plankings with wooden bolt and pinette hinged — — — — —	3	8	"	53	
19	19 ^{sq} roofing with bamboos in Country wood braces tied down the Cor rope — — — — — 1/2 19 ^{sq}	6	"	"	29 1/2	
	Sundries 8 ^{ea} — — — — —	"	"	"	14	
Total, Company's					Rupess	420

Central Office of P. W.
Fort St. George.
22nd October 1858.

Lawford
Off^r Chief Engineer P. W.

Enclosed in a letter from the
officiating Chief Engineer
to the Secretary to Govt.
P. W. D.

Dated 22nd October 1858
Received

No. 4/64

MMB 16/58

Copy of Invoice
forwarded from the Chief
Engineer of Salem submitting
Plans and Estimates
for a Hospital and
Sepoy line at the Re-
mount Depot near
Ootacoor.

Quantities.	Description of Work.	Rates			Amount	Amount of each part
C. Mds.		Rs	12	P	Rupees	Rupees

Enclosure

In a Letter

From

The Off^r Chief Engineer
D. P. W.

To

The Secretary to Government
D. P. W.

14/8
Dec 15/58 of 1858

Dated 22nd } October 1858
Received

2631 No. 4764
M 2516/58

N^o

Abstract Estimate for Construct-
ing new Huts for the use of the
Sipahs at the Remount Depot
at Coopers in the District of
Salem.

Amounting to Rs. 120--

Buildings () (New Work)

Abstract of Estimate No. of 185/5

District Salem

Work. Constructing a Hospital at Remount Depot Coopers

Quantities.	Description of work	Rate.	Amount.	Amount of each part.
		Rs. As. P.	Rupies.	Rupies.
86 2/3	Rough stone in Chunar. per 100	8	43	
67 2/3	Bricks in Clay per 100	1 4	85	
2 1/4	Bricks in Chunar per 100	2 8	6	
8	Squares Stoning with Bricks on edge per square	2 8	20	
27 1/4	Plastering with 1 coat of Chunar per square	1 8	42	
14	Roofing with Single wood Rafters, collar beams, tied down with iron line per 100	8	112	
3	Doors each	10	30	
6	Windows	6	36	
4	Ventilators	2	8	
	Sundries		8	
Total Company Rupies			390	

Abstract Office of P.W.
For Lt. George
22 October 1858

Colonel
Officiating Chief Engineer D.P.W.

[illegible]

MC 3946

Enclosure

In a Letter

From The Officiating Chief Engineer
D. P. W.

To The Secretary to Govt.
D. P. W.

uptd
Sept 5317/1858

Dated 22nd { October 1858
Received

N^o 4764

2631

PM 2516/58

N^o

Abstract Estimate
for constructing a Hospital
at Remount Depot Coopers
in the District of Salween
amounting to Rupees 39,000

Military

Office of Letters
Plan
2. 1858
1. 1858

Central Office of P. W.
Fort St. George
23rd October 1858.

N^o 4764
P. W.

The Off^r Chief Engineer

The Secretary to Government P. W.

Sir,

I agreeably to orders of Govern-
ment appointed to extract from a Minutes
of Consultation under date 5 August 1858,
N^o 1543; I have the honor to forward Plans
and Estimates for the construction of the
undermentioned Buildings at the Remount
Depot near Coopers ridge.

1. A Hospital containing two floors 32 feet
by 15 feet and 15 feet by 10 feet, raised on a
basement 2 feet in height above foundation
masonry 3 feet; principal walls and pillars
10 feet high, and Corinthus pillars 7 feet 6 inches.
2. 15 Storey Bunk on a Base of 4 feet 7 inches
in height principal walls of clay 7 feet 6 inches
in height and 1 foot 5 inches in breadth each Bunk 15 feet
by 11 feet with staircase 15 feet by 11 feet P 1120.

In

2. In estimating for the Hospital, General Boreford's specification has been strictly adhered to, but the rate has unavoidably been exceeded. The District Engineer considering that the General's estimations must be founded on wrong data, and he cannot build the hut to agreeably to his specification, especially as they are to be considered permanent, at a lower rate than he has estimated for.

3. The dimensions of the Hospital have been increased from 20 ft. by 10 ft. (as specified by General Boreford) to 20 ft. by 20 ft., as the former would not give nearly sufficient room for the patients; the number allowed in his letter.

4. Orders have been ^{by the District Engineer} given for carrying out the construction of the Buildings with all dispatch, and I have the honor therefore to solicit sanction for the Estimation now submitted.

submitted.

Wm George
2nd Col 15/85

Shave & Sons & Co.
Sir,
Fairmount

Wm.

S. J. C.

Senior & Sons & Co.
Off. Chief Engineer

Wm
Secretary to
Government P.H.D.

Am Com n Aug 1858

Proceedings of the
electing Depts
of Aug 1858

Aug 14 81/58

23rd 11th 1858
Aug 24th 1858

The 1st Dept
The 2nd Dept

The 3rd Dept

23rd 11th 1858
Aug 24th 1858

The 1st Dept
The 2nd Dept

23rd 11th 1858
Aug 24th 1858

The 1st Dept
The 2nd Dept

23rd 11th 1858
Aug 24th 1858

The 1st Dept
The 2nd Dept

23rd 11th 1858
Aug 24th 1858

The 1st Dept
The 2nd Dept

9th 2284

Refers to the
Military Department for con-
sideration with reference to
each of the Departments of the
War Department dated
30th June 1858

29th 1858
29th 1858
29th 1858